

# The National Map Download Manager

## User Guide

October 5, 2015

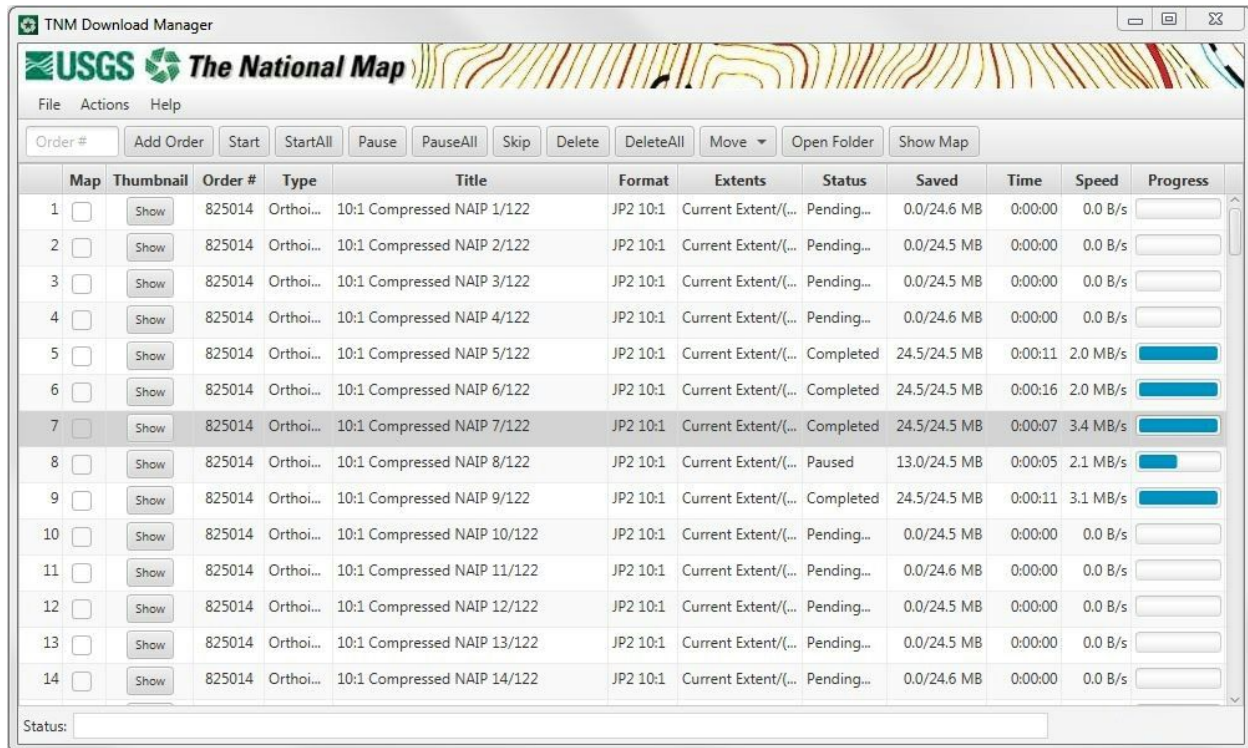


Figure 1. The National Map Download Manager main window

## Introduction

The National Map Download Manager is a stand-alone program, allowing users to download data product orders. The Download Manager works in conjunction with the The National Map Viewer and Download Platform (<http://viewer.nationalmap.gov/viewer>) and the new TNM Download client (<http://viewer.nationalmap.gov/basic>) to make obtaining products easier. Selecting individual links from an order email, and downloading them one at a time is no longer required.

## Installation

Two options are provided for installation of the The National Map Download Manager. The first option is the easiest way to make sure you are using the latest release. A launch button on the Download Manager's home page [website](#) will download the application and start it. This option will make a check each time the application is started to verify the latest version is installed. If the latest version is not installed, you will be prompted to download it. An added bonus to this option is the addition of desktop and menu shortcuts, which work the same way as the launch button, without the need to go to the website.

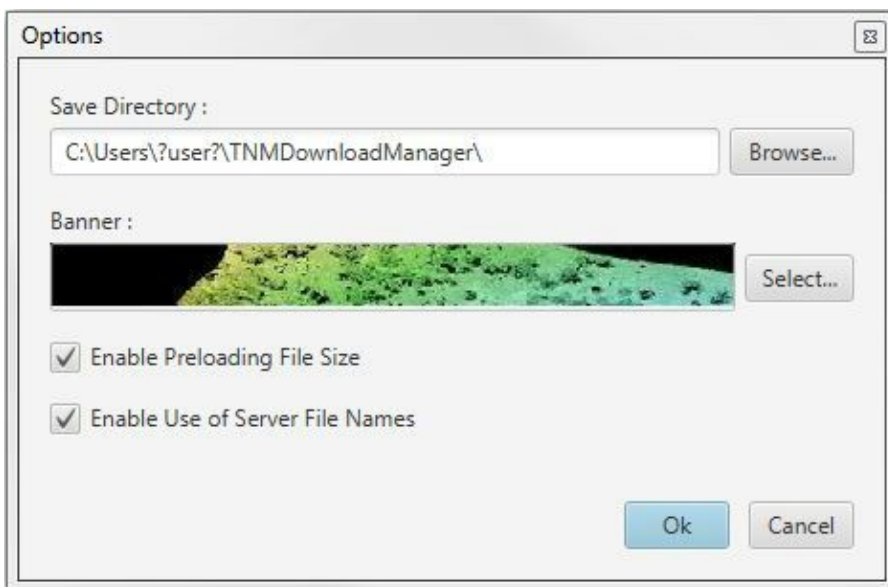
The second option is a direct download of an executable jar file, which does require the user to have a current Java version installed. To get the most recent Java, go to [Java.com](http://java.com) and select the correct file for your operating system. Double clicking on this file will start the Download Manager. There is no automatic update feature associated with this option, so the user will have to periodically check the website for the latest version.

# Overview of Features and Interface

The most notable feature of the The National Map Download Manager is the ability to enter an order number and have the associated products automatically loaded into the application. Additionally, there is an option to add a single item. The available download controls support starting, pausing, skipping, and deleting either individual or all items in the list in some cases. The list is automatically saved when exiting the application, so an order (or orders) do not need to be reloaded each time it is started. The export/import features allow users to export or import a CSV file of the download list.

## File Menu

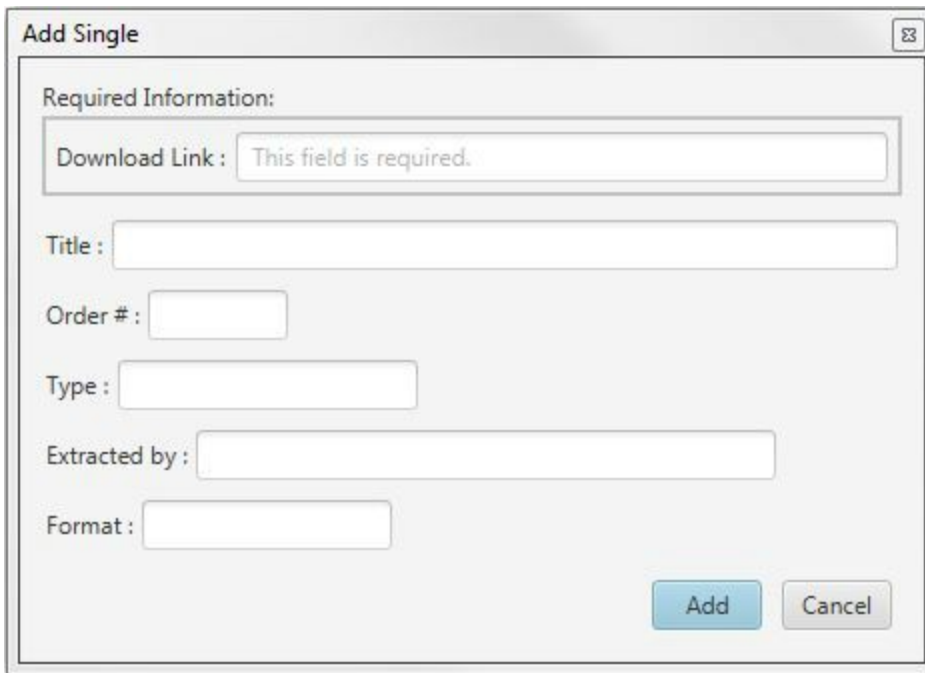
- Options: opens the Options dialog box shown below.
  - Save Directory Browse: opens a dialog box to select the directory for saving the downloaded files. The default is “TNM Download Manager” under the user’s home directory.
  - Banner Select: opens a list for selecting an image to be displayed as part of the banner on the main window.
  - Enable Preloading File Size: causes the product file size to be loaded in the background once an order has been loaded.
  - Enable Use of File Names: causes the product file name to use the name the file is stored as on the server.
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- Import: opens an open dialog box to locate a CSV file and appends it’s contents to the download list.
- Export: opens a save dialog box to export the current download list to a CSV file.
- Exit: closes the application.

## Action Menu

- Add Single: opens the “Add Single” dialog box shown below. Each field corresponds to a heading on the order email. The Download Link field is required and the Title field is recommended.



The 'Add Single' dialog box is a standard Windows-style window with a title bar. It contains a section titled 'Required Information:' with several input fields: 'Download Link' (with a placeholder 'This field is required.'), 'Title', 'Order #', 'Type', 'Extracted by', and 'Format'. At the bottom right, there are two buttons: 'Add' and 'Cancel'.

The following actions are also included on the toolbar.

- Add Order: opens the “Add Order” dialog box shown below.



The 'Add Order' dialog box is a smaller window with a title bar. It contains a single input field labeled 'Order #' with a placeholder 'Enter order #.'. At the bottom, there are two buttons: 'Add' and 'Cancel'.

- Start: starts downloading the selected item. Also, will redownload an item that has previously been completed or will start an item that has been skipped.
- StartAll: starts sequentially downloading the list from the beginning. Items marked “Completed” or “Skipped” will not be downloaded.
- Pause: pauses the download process of the selected item(s).
- PauseAll: pauses the downloading of all items in the list.
- Skip: causes the selected item(s) to be skipped, when the list is being processed sequentially.
- Delete: deletes the selected item(s) from the list.
- DeleteAll: deletes all items from the list.
- Move Up: moves the selected item(s) up one row.
- Move Down: moves the selected item(s) down one row.
- Move Top: moves the selected item(s) to the top of the list.
- Move Bottom: moves the selected item(s) to the bottom of the list.
- Open Folder: opens the save directory for the selected item, or the directory shown in the Options Dialog if no item is selected.
- Show Map: opens a map window that displays the boundaries of an order and/or item(s).

## CSV Import/Export

A comma-separated value (CSV) file can be used to import links into the Download Manager. The National Map [Download Client](#) allows users to save it's Cart contents as a suitable CSV file for importing into the Download Manager.

The CSV file may contain the following recognized columns (and names):

ColumnName	Required	Description
URL	Yes	An HTTP or FTP URL to the downloadable product.
Title	No	A human-readable title for recognizing the download product.
Thumbnail	No	An HTTP or FTP URL to a thumbnail image visualizing the download product.
Metadata	No	An HTTP or FTP URL to a metadata file describing the download product.
BoundingBox	No	A comma-separated list of decimal degree coordinates in the form: minx, miny, maxx, maxy
FileFormat	No	A string identifying the format of the download product.
OrderNum	No	An identifier from a TNM Order (legacy viewer).

NOTE: Exporting or importing a CSV file will not clear the download items currently in the list.

## Miscellaneous Features

- A thumbnail preview of a product can be shown by selecting the “Show” button in the “Thumbnail” column of that product.
- Show/hide columns by right clicking on a column header and select the columns to show or hide.